

IN THE CLAIMS

The following is a complete listing of claims and replaces all prior versions and listings of claims in the present application:

Claim 1 (canceled).

Claim 2 (previously presented): A control method for a data communication apparatus capable of receiving binary image data having a first resolution and a second resolution lower than the first resolution, and color image data having the second resolution comprising:

the first notification step of notifying a partner apparatus of an image data reception function having the first resolution and a color image data reception function as maximum receiving capacity;

the determination step of determining whether the partner apparatus instructs transmission of color image data at the first resolution on the basis of the notification in the first notification step; and

the second notification step of notifying the partner apparatus of an image data reception function having the second resolution and the color image data reception function as receiving capacity when transmission of color image data at the first resolution is determined in the determination step to be instructed;

the history holding step of holding an execution history of the second notification step for each of a plurality of communication partners including the partner apparatus; and

the control step of controlling which of the first and second notification steps is executed on the communication with the partner apparatus.

Claim 3 (original): The method according to claim 2, wherein the control step comprises executing the second notification step at start of communication with the partner apparatus when the second notification step has been executed for the partner apparatus successively a plurality of number of times.

Claim 4 (canceled).

Claim 5 (previously presented): A data communication apparatus capable of receiving binary image data having a first resolution and a second resolution lower than the first resolution, and color image data having the second resolution, comprising:

notification means for notifying a partner apparatus of receiving capacity of said apparatus; and

reception means for receiving data transmitted from the partner apparatus,

wherein said notification means notifies the partner apparatus of an image data reception function having the first resolution and a color image data reception function as maximum receiving capacity at start of communication with the partner apparatus, and when the partner apparatus instructs transmission of color image data at the first resolution, notifies the partner apparatus of an image data reception function having the second resolution and the color image data reception function as receiving capacity; and

history holding means for holding a history of sending a second condition by said notification means for each of a plurality of communication partners including the partner apparatus,

wherein said notification means determines which of first and second receiving capacities the partner apparatus is to be notified of, on the basis of the execution history at start of communication with the partner apparatus.

Claim 6 (original): The apparatus according to claim 5, wherein said notification means sends the second condition at start of communication with the partner apparatus when the partner apparatus has been notified of the second condition successively a plurality of number of times.

Claim 7 (canceled).

Claim 8 (previously presented): The method according to claim 15, wherein the multilevel image data includes color image data, and the notification step further comprises notifying the partner apparatus that color image data can be received.

Claim 9 (currently amended): A control method for a data communication apparatus capable of receiving binary image data which satisfied a first condition, and multilevel image data which satisfies a second condition different from the first condition, comprising: [[,]]

the notification step of notifying a partner apparatus of the first and/or second condition as receivable data information; and

the reception step of receiving image data transmitted from the partner apparatus on the basis of the notification in the notification step,

wherein the notification step comprises:

the first notification step of notifying the partner apparatus of the first condition as receivable data information;

the determination step of determining whether the multilevel image data satisfies the second condition when the partner apparatus instructs transmission of multilevel image data on the basis of the notification in the first notification step; and

the second notification step of notifying the partner apparatus of the second condition as receivable data information when the multilevel image data is determined in the determination step not to satisfy the second condition, and

wherein the determination step comprises determining whether the multilevel image data satisfies the second condition when the multilevel image data is data based on the first condition.

Claim 10 (canceled)

Claim 11 (previously presented): The method according to claim 15, wherein the first condition sets a maximum resolution of the binary image data as a first resolution; and

the second condition sets a maximum resolution of the multilevel image data as a second resolution lower than the first resolution.

Claim 12 (previously presented): The method according to claim 15, wherein the first condition sets a resolution of the binary image data as either of first and second resolutions, and

the second condition sets a resolution of the multilevel image data as the second resolution.

Claim 13 (previously presented): The method according to claim 15, wherein the first condition sets a maximum size of the binary image data as a first size, and

the second condition sets a maximum size of the multilevel image data as a second size smaller than the first size.

Claim 14 (currently amended): ~~The method according to claim 9~~ A control method for a data communication apparatus capable of receiving binary image data which satisfied a first condition, and multilevel image data which satisfies a second condition different from the first condition, comprising:

the notification step of notifying a partner apparatus of the first and/or second condition as receivable data information; and

the reception step of receiving image data transmitted from the partner apparatus on the basis of the notification in the notification step,

wherein the notification step comprises:

the first notification step of notifying the partner apparatus of the first condition as receivable data information;

the determination step of determining whether the multilevel image data satisfies the second condition when the partner apparatus instructs transmission of multilevel image data on the basis of the notification in the first notification step; and

the second notification step of notifying the partner apparatus of the second condition as receivable data information when the multilevel image data is determined in the determination step not to satisfy the second condition, and

wherein the first notification step is executed at start of communication with the partner apparatus.

Claim 15 (currently amended): ~~The method according to claim 9~~ A control method for a data communication apparatus capable of receiving binary image data which satisfied a first condition, and multilevel image data which satisfies a second condition different from the first condition, comprising:

the notification step of notifying a partner apparatus of the first and/or second condition as receivable data information; and

the reception step of receiving image data transmitted from the partner apparatus on the basis of the notification in the notification step,

wherein the notification step comprises:

the first notification step of notifying the partner apparatus of the first condition as receivable data information;

the determination step of determining whether the multilevel image data satisfies the second condition when the partner apparatus instructs transmission of multilevel image data on the basis of the notification in the first notification step; and

the second notification step of notifying the partner apparatus of the second condition as receivable data information when the multilevel image data is determined in the determination step not to satisfy the second condition, and

wherein the determination step comprises determining whether the multilevel image data satisfies the second condition even when the partner apparatus instructs transmission of multilevel image data on the basis of the notification in the second notification step.

Claim 16 (original): The method according to claim 15, further comprising:

the history holding step of holding an execution history of the second notification step for each of a plurality of communication partners including the partner apparatus; and

the control step of controlling which of the first and second notification steps is executed on the basis of the execution history at start of communication with the partner apparatus.

Claim 17 (original): The method according to claim 16, wherein the control step comprises executing the second notification step at start of communication with the partner apparatus when the second notification step has been executed for the partner apparatus successively a plurality of number of times.

Claim 18 (previously presented): the method according to claim 15, wherein the notification step comprises notifying the partner apparatus of the first and second conditions at once.

Claim 19 (original): The method according to claim 18, wherein the notification step comprises sending the first and second conditions by an initial identification signal.

Claim 20 (canceled).

Claim 21 (previously presented): The apparatus according to claim 28, wherein

the multilevel image data includes color image data, and

said notification means further notifies the partner apparatus that color image data can be received.

Claim 22 (currently amended): A data communication apparatus capable of receiving binary image data which satisfies a first condition, and multilevel image data which satisfies a second condition different from the first condition, comprising:[[,]]

notification means for notifying a partner apparatus of the first and/or second condition as receivable data information; and

reception means for receiving image data transmitted from the partner apparatus on the basis of the notification by said notification means,

wherein said notification means notifies the partner apparatus of the first condition at start of communication with the partner apparatus, and when the partner apparatus instructs transmission of multilevel image data, and the multilevel image data does not satisfy the second condition, notifies the partner apparatus of the second condition[[]], and

wherein said notification means determines whether the multilevel image data satisfies the second condition when the multilevel image data is data based on the first condition.

Claim 23 (canceled)

Claim 24 (previously presented): The apparatus according to claim 28,
wherein

the first condition sets a maximum resolution of the binary image data as a first resolution, and

the second condition sets a maximum resolution of the multilevel image data as a second resolution lower than the first resolution.

Claim 25 (previously presented): The apparatus according to claim 28,
wherein
the first condition sets a resolution of the binary image data as either of first
and second resolutions, and
the second condition sets a resolution of the multilevel image data as the
second resolution.

Claim 26 (previously presented): The apparatus according to claim 28,
wherein
the first condition sets a maximum size of the binary image data as a first size,
and
the second condition sets a maximum size of the multilevel image data as a
second size smaller than the first size.

Claim 27 (currently amended): ~~The apparatus according to claim 22~~ A data
communication apparatus capable of receiving binary image data which satisfies a first condition,
and multilevel image data which satisfies a second condition different from the first condition,
comprising:

notification means for notifying a partner apparatus of the first and/or second
condition as receivable data information; and

reception means for receiving image data transmitted from the partner
apparatus on the basis of the notification by said notification means.

wherein said notification means notifies the partner apparatus of the first condition at start of communication with the partner apparatus, and when the partner apparatus instructs transmission of multilevel image data, and the multilevel image data does not satisfy the second condition, notifies the partner apparatus of the second condition, and

wherein said apparatus further comprises history holding means for holding a history of sending the second condition by said notifying means for each of a plurality of communication partners including the partner apparatus, and

said notification means determines which of first and second receiving capacities the partner apparatus is to be notified of, on the basis of the execution history at start of communication with the partner apparatus.

Claim 28 (original): The apparatus according to claim 27, wherein said notification means sends the second condition at start of communication with the partner apparatus when the partner apparatus has been notified of the second condition successively a plurality of number of times.

Claim 29 (previously presented): The apparatus according to claim 28, wherein said notification means notifies the partner apparatus of the first and second condition at once.

Claim 30 (original): The apparatus according to claim 29, wherein said notification means sends the first and second conditions by an initial identification signal.

Claim 31 (previously presented): A control program for a data communication apparatus capable of receiving binary image data having a first resolution and a second resolution lower than the first resolution, and color image data having the second resolution, comprising:

a code of the first notification step of notifying a partner apparatus of an image data reception function having the first resolution and a color image data reception function as maximum receiving capacity;

a code of the determination step of determining whether the partner apparatus instructs transmission of color image data at the first resolution on the basis of the notification in the first notification step;

a code of the second notification step of notifying the partner apparatus of an image data reception function having the second resolution and the color image data reception function as receiving capacity when transmission of color image data as the first resolution is determined in the determination step to be instructed;

a code of the history holding step of holding an execution history of the second notification step for each of a plurality of communication partners including the partner apparatus; and

a code of the control step of controlling which of the first and second notification steps is executed on the communication with the partner apparatus.

Claim 32 (previously presented): A control program for a data communication apparatus capable of receiving binary image data which satisfies a first condition, and multilevel image data which satisfies a second condition different from the first condition, comprising:

a code of the notification step of notifying a partner apparatus of the first and/or second condition as receivable data information; and

a code of the reception step of receiving image data transmitted from the partner apparatus on the basis of the notification in the notification step,

wherein the notification step comprises:

the first notification step of notifying the partner apparatus of the first condition as receivable data information;

the determination step of determining whether the multilevel image data satisfies the second condition when the partner apparatus instructs transmission of multilevel image data on the basis of the notification in the first notification step; and

the second notification step of notifying the partner apparatus of the second condition as receivable data information when the multilevel image data is determined in the determination step not to satisfy the second condition, and

wherein the determination step comprises determining whether the multilevel image data satisfies the second condition even when the partner apparatus instructs transmission of multilevel image data on the basis of the notification in the second notification step.

Claim 33 (currently amended): A recording medium which records a control program for a data communication apparatus capable of receiving a binary image data having a first resolution and a second resolution lower than the first resolution, and color image data having the second resolution, the control program comprising:

a code [[fo]] of the first notification step of notifying a partner apparatus of an image data reception function having the first resolution and a color image data reception function as maximum receiving capacity;

a code of the determination step of determining whether the partner apparatus instructs transmission of color image data at the first resolution on the basis of the notification in the first notification step;

a code of the second notification step of notifying the partner apparatus of an image data reception function having the second resolution and the color image data reception function as receiving capacity when transmission of color image data at the capacity when transmission of color image data at the first resolution is determined in the determination step to be instructed;

a code of the history holding step of holding an execution history of the second notification step for each of a plurality of communication partners including the partner apparatus; and

a code of the control step of controlling which of the first and second notification steps is executed on the communication with the partner apparatus..

Claim 34 (previously presented): A recording medium which records a control program for a data communication apparatus capable of receiving binary image data which satisfies a first condition, and multilevel image data which satisfies a second condition different from the first condition, the control program comprising:

a code of the notification step of notifying a partner apparatus of the first and/or second condition as receivable data information; and

a code of the reception step of receiving image data transmitted from the partner apparatus on the basis of the notification in the notification step

wherein the notification step comprises:

the first notification step of notifying the partner apparatus of the first condition as receivable data information;

the determination step of determining whether the multilevel image data satisfies the second condition when the partner apparatus instructs transmission of multilevel image data on the basis of the notification in the first notification step; and

the second notification step of notifying the partner apparatus of the second condition as receivable data information when the multilevel image data is determined in the determination step not to satisfy the second condition, and

wherein the determination step comprises determining whether the multilevel image data satisfies the second condition even when the partner apparatus instructs transmission of multilevel image data on the basis of the notification in the second notification step.